

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-2. Cancelled.

3. (Currently Amended) A fuel storage device according to ~~claim 2~~, claim 4 wherein the heat storage means are disposed on an inner surface of the tank or on surfaces of members immersed in the stored fuel.

4. (Currently Amended) A fuel storage device ~~according to claim 2~~ having a tank for storing fuel, comprising heat storage means having heat storage material and for exchanging heat with stored fuel stored in the tank, wherein the heat storage means comprise buoyancy generating means for generating buoyancy in the stored fuel.

5. (Original) A fuel storage device according to claim 4, wherein the heat storage means have containers each of which has the heat storage material sealed therein and in each of which an empty portion having no heat storage material is provided as the buoyancy generating means.

6. (Original) A fuel storage device according to claim 5, wherein the containers have diameters larger than a diameter of an inlet port of a fuel pump sucking the stored fuel from the tank.

7. (Currently Amended) A fuel storage device having a tank for storing fuel, comprising heat storage means having heat storage material and for exchanging heat with stored fuel stored in the tank,

wherein the heat storage means have containers each of which has the heat storage material sealed therein; and

wherein the heat storage material is formed of a substance having a melting point at ordinary temperature and storing heat as latent heat.

8. (Original) A fuel storage device according to claim 7,

wherein the heat storage material contains any one of calcium chloride 6-salt, octadecane, and cyclohexanol.

9. (New) A fuel storage device according to claim 4 wherein:

the heat storage means have containers each of which has the heat storage material sealed therein; and

the heat storage material is formed of a substance having a melting point at ordinary temperature and storing heat as latent heat.